

IN THE CLAIMS

1. (Currently Amended) A video camera apparatus comprising:

a solid image sensor having an electronic shutter, for outputting an image-sensing signal in a progressive scan mode; and

drive control means for controlling the electronic shutter of the solid image sensor at a field cycle of a standard television system used as a basic cycle, thereby to output the image sensing signal from the solid image sensor in the progressive scan mode;

whereby a state is provided for storing still pictures according to said progressive scan mode

~~whereby said image sensor outputs said image sensing signal in units of fields regardless of whether said sensor is operating in an interlace scan mode or said progressive scan mode.~~

2. (Currently amended) An image sensing method comprising steps of:

controlling an electronic shutter of a solid image sensor which outputs an image sensing signal in a progressive scan mode at a field cycle of a standard television system used as a basic cycle; and

outputting the image sensing signal from the solid image sensor in the progressive scan mode;

whereby a state is provided for storing still pictures according to said progressive scan mode

~~whereby said image sensor outputs said image sensing signal in units of fields  
regardless of whether said sensor is operating in an interlace scan mode or said  
progressive scan mode.~~

3. (Currently amended) A video camera apparatus comprising:

a solid image sensor having an electronic shutter, for outputting an image  
sensing signal in an interlace scan mode or a progressive scan mode;

control means for controlling the electronic shutter such that a shutter speed in  
the progressive scan mode is equal to a shutter speed in the interlace scan mode; and

output means for outputting the image sensing signal in the progressive scan  
mode, based on the shutter speed;

whereby a state is provided for storing still pictures according to said progressive  
scan mode

~~whereby said image sensor outputs said image sensing signal in units of fields  
regardless of whether said sensor is operating in said interlace scan mode or said  
progressive scan mode.~~

4. (Currently amended) An image sensing method comprising steps of:

controlling an electronic shutter of a solid image sensor which outputs an image  
sensing signal in an interlace scan mode or a progressive scan mode, such that a shutter  
speed in the progressive scan mode is equal to a shutter speed in the interlace scan  
mode; and

outputting the image sensing signal from the solid image sensor in the

progressive scan mode;

whereby a state is provided for storing still pictures according to said progressive scan mode

~~whereby said image sensor outputs said image sensing signal in units of fields regardless of whether said sensor is operating in said interlace scan mode or said progressive scan mode.~~

5. (Currently amended) An image sensing signal recording apparatus comprising:

a solid image sensor having an electronic shutter, for outputting an image-sensing signal in a progressive scan mode;

drive control means for controlling the electronic shutter of the solid image sensor at a field cycle of a standard television system used as a basic cycle, thereby to output the image sensing signal from the solid image sensor in the progressive scan mode;

scan converter means for converting the image sensing signal based on progressive scanning, into an interlace scan signal; and

recording means for recording the image sensing signal based on progressive scanning, or the image sensing signal converted into the interlace scan signal;

whereby a state is provided for storing still pictures according to said progressive scan mode

~~whereby said image sensor outputs said image sensing signal in units of fields regardless of whether said sensor is operating in an interlace scan mode or said progressive scan mode.~~

6. (Currently amended) An image sensing signal recording method comprising steps of:

controlling an electronic shutter of a solid image sensor which outputs an image sensing signal in a progressive scan mode at a field cycle of a standard television system used as a basic cycle;

outputting the image sensing signal from the solid image sensor in the progressive scan mode;

converting the image sensing signal into an interlace scan signal; and

recording the interlace scan signal or a progressive scan signal;

whereby a state is provided for storing still pictures according to said progressive scan mode

~~whereby said image sensor outputs said image sensing signal in units of fields regardless of whether said sensor is operating in an interlace scan mode or said progressive scan mode.~~

7. (Currently amended) A video camera apparatus comprising:

a solid image sensor having an electronic shutter, for outputting an image sensing signal in an interlace scan mode or a progressive scan mode;

control means for controlling the electronic shutter such that a shutter speed in the progressive scan mode is equal to a shutter speed in the interlace scan mode;

output means for outputting the image sensing signal in the progressive scan mode, based on the shutter speed;

scan converter means for converting the image sensing signal based on

progressive scanning, into an interlace scan signal; and

recording means for recording the image sensing signal based on the progressive scanning, or the image sensing signal converted into the interlace scan signal;

whereby a state is provided for storing still pictures according to said progressive scan mode

~~whereby said image sensor outputs said image sensing signal in units of fields regardless of whether said sensor is operating in said interlace scan mode or said progressive scan mode.~~

8. (Currently amended) An image sensing signal recording method comprising steps of:

controlling an electronic shutter of a solid image sensor which outputs an image sensing signal in an interlace scan mode or a progressive scan mode, such that a shutter speed in the progressive scan mode is equal to a shutter speed in the interlace scan mode;

outputting the image sensing signal from the solid image sensor in the progressive scan mode;

converting the image sensing signal into an interlace scan signal; and

recording the interlace scan signal or a progressive scan signal;

whereby a state is provided for storing still pictures according to said progressive scan mode

~~whereby said image sensor outputs said image sensing signal in units of fields regardless of whether said sensor is operating in said interlace scan mode or said progressive scan mode.~~